

MATERIALS

ITEM	QUAN.	DESCRIPTION
1	1	REDUCED PRESSURE ZONE DEVICE
2	2	O.S. & Y RESILIENT GATE VALVES
3	4	TEST COCKS
4	2	2" SCH 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
5	2	MJ 45° OR 90° BENDS
6	2	FLANGED 45° OR 90° BENDS
7	2	FLANGE ADAPTERS
8	1	2' X 2' MIN. HATCH
9		DI OR PVC PIPE W/ MEGALUGS
10		DUCTILE IRON PIPE, CUT TO FIT W/ MEGALUGS
11		4" PEA GRAVEL IN BOTTOM OF PIT OR CONCRETE SLAB
12	2	DRAIN PORTS SIZE ACCORDING TO PIPE SIZE
13	1	3/8 ALUMINUM TREAD PLATE / HATCH COVER W/ SUPPORTS AS NECESSARY
14	1	BOX-CONCRETE BLOCK, POURED CONCRETE OR PREFABRICATED BOX, HOT BOX OR EQUAL, ALL BACKFLOWS SHALL BE ENCLOSED

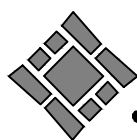
NOTES:

- FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER.
- IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY
- SIDE PRIOR TO BACKFLOW PREVENTER. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE, OTHER THAN BACKFLOW DEVICE TESTING.
- ALL MECHANICAL JOINTS MUST BE RESTRAINED.
- PROVIDE A MINIMUM CLEARANCE OF 12 INCHES BETWEEN THE INSIDE FACE OF THE ENCLOSURE AND THE PIPING AND VALVES.

TYPICAL OUTSIDE INSTALLATION (3", 4", 6", 8", & 10" SIZES)

REDUCED PRESSURE ZONE DEVICE FOR DOMESTIC SYSTEM

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W15